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SOURCE Newspapers and periodical as indicated.

TO BUILD HYDROGEN-COOLED GENERATORS
PRODUCES 10,000-WATT BULB

GENERATOR FOR OUTDOOR INSTALLATION -- Leningradskaya Pravda, No 68, 21 Mar 50.

During 1950 the Leningrad Elektrosila Plant will put special emphasis on turbo- and hydrogenerators, synchronous condensers, engines for electric power plants, and new series of AC and DC motors. Hydrogen-cooled turbogenerators will receive particular attention and 1950 production of this item will almost double that of 1949. One of the technical problems facing the plant is designing a new generator footstep bearing which can carry a load nearly twice as great as any such bearing now produced.

A new-type high-power hydrogenerator is to be built for one of the electric power plants. Another big piece of machinery scheduled for this year is a huge hydrogen-cooled synchronous condenser built for outdoor installation. The plant must also develop and get into production five large-series items. The laboratory is currently conducting research in connection with this project.

BULB TO LIGHT LARGE AREAS -- Moskovskaya Pravda, No 35, 31 Mar 50

The Moscow Electric Bulb Plant has produced a 10,000-watt bulb, the largest it has ever built. The bulb has a lighting intensity of 25,000 candlepower. It is 270 millimeters in diameter, about $1\frac{1}{2}$ meters high, and weighs about 3 kilograms. The current required to light it is around 100 amperes, i.e., 600 times as much current as is required by an ordinary 50-watt bulb. The bulb is intended for lighting large areas.

At present, the plant laboratory is developing an illuminating bulb of 18,000-20,000 watts (50,000 candlepower). The glass flask will be 380-400 millimeters in diameter.

- 3 -

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GETS OUT RUSH ORDER FOR SPARE PARTS -- Sovetskaya Latvija, No 77, 31 Mar 50

During March, the Riga Turbine-Machinery Plant received an urgent order from Komsomol'sk-on-the-Amur for important spare parts for the city's electric power plant. It was a job which had to be done immediately. The necessary special cutting and measuring tools for the parts were not available at the plant, but these, like the parts ordered, were made up precisely according to schedule.

MAKES PLASTIC INSULATING TUBES -- Sovetskaya Latvija, No 76, 30 Mar 50

The Riga Electric-Installation Parts Plant has begun production of insulating tubes made out of polyvinyl chloride plastic. A special machine for making the plastic tubes was designed by Tomas, an engineer of the Republic House of Science and Technology. Two of these machines are already in operation at the plant. Their productivity is three times as great as that of the machine formerly used for making tubes.

LAMPOONS NEW RADIOS -- Krokodil, No 1, 10 Jan 50

A half-page cartoon shows a crowd of people dashing down a village street. An old man addresses one of the runners:

"Where are you running to? Is there a fire?"

"No, the new radio's come!"

"Well, why are you hurrying so?"

"To hear it before it breaks down!"

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- 2 -

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